

## INTERNATIONAL SEARCH REPORT

PCT/IB 03/03360

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G10L21/04 G10L13/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G10L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 324 501 B1 (SCHROETER JUERGEN ET AL) 27 November 2001 (2001-11-27) column 1, line 33 - line 42 column 1, line 42 - line 64 column 2, line 59 - line 63 column 3, line 1 - line 5 figure 2	1,2,4, 11-13
Y	idem	9
Y	US 6 208 960 B1 (GIGI ERCAN F) 27 March 2001 (2001-03-27) abstract; figure 10	9
X	US 5 729 657 A (SVENSSON TOMAS) 17 March 1998 (1998-03-17) column 3, line 5 - line 34	1,2,4, 11-13
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

30 October 2003

Date of mailing of the international search report

06/11/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 189 702 A (SAKURAI ATSUSHI ET AL) 23 February 1993 (1993-02-23) column 8, line 5 - line 6; figure 4 column 8, line 36 - line 40 column 1, line 49 - line 58 column 4, line 1 - line 11 -----	1,2,4, 11-13

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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US 6208960	B1	27-03-2001	EP 0976125 A2 WO 9933050 A2 JP 2001513225 T	02-02-2000 01-07-1999 28-08-2001
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